

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 10/566,708

Attorney Docket No.: Q92887

AMENDMENTS TO THE DRAWINGS

2 new sheets are being submitted to amend figures 1 and 5. Figure 1 is being amended to identify the end wall of the spray head with the reference numeral 2. Figure 5 is being amended to identify the set of spray heads with a bracket and the reference A.

Attachment: Two new sheets showing Figures 1 and 5.

REMARKS

Status of the Application & Formalities

Claim Status

Claims 1-19 are all the claims pending in the application. By this amendment, Applicants are amending claims 1 and 11.

Interview

Applicants thank the Examiner for the interview conducted on April 27, 2010. A Statement of Substance of Interview is being filed concurrently herewith.

Drawing Objections

The drawings are objected to under 37 CFR 1.83(a) because the drawings must show every feature of the invention specified in the claims. Specifically, the Examiner objects to the drawings because they allegedly do not show the “set of spray head assemblies.”

Applicants are submitting an amended FIG. 5 showing the set of spray head assemblies

A. The corresponding portion of the written description is also being amended.

The drawings are objected to under 37 CFR 1.83(a) because the drawings allegedly do not show the “end wall.”

While Applicants maintain that the end wall was shown in the original figure 1,

Applicants are submitting an amended FIG. 1 to identify the end wall with the reference numeral

2. The corresponding portion of the written description is also being amended.

Rejections under 35 USC § 102

Claims 1-4, 8 and 10-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Marelli et al (US 5,224,471).

Regarding independent claim 1, Marelli does not disclose at least “a spray profile (10) formed in an end wall of said spray head” As discussed during the interview, the Examiner indicated that he had not fully appreciated these features and that he would consider these features in further detail upon written submission. Applicants submit that in Marelli, the spray profile is formed on the elongate element 9, 10. (See Marelli, FIG. 2.) Accordingly, Marelli does not disclose all of the features recited in independent claim 1.

Furthermore, as discussed during the interview, Applicants are amending independent claim 1 to further clarify the feature of the centering means being located in the proximity of the spray profile. The Examiner indicated that the claim amendments, as reflected above, appeared to overcome the rejections of record and that he would consider the amendments further upon written submission. Accordingly, Applicants submit that Marelli does not disclose at least that the “centering means are formed on a surface of the spray head that forms the expulsion channel at a location immediately adjacent to a top end of the insert, wherein the top end of the insert faces the spray profile (10) formed in the end wall of the spray head.” In Marelli, the non-radial channels 16 are shown in figure 6, which is the cross section through line 6-6 in figure 2. Thus, the non-radial channels of Marelli are located at the top end of the device in figure 2. In contrast, the wall portions 3 are provided only in figures 3 & 4, which are cross sectional views along the lines 3-3 and 4-4 in figure 2, respectively. The wall portions 3, however, are not located at the

cross sections of figures 5 and 6 (talem along lines 5-5 and 6-6 in figure 2). Thus, Marelli does not disclose all of the features of independent claim 1.

Claims 2-4, 8, 10, 17, and 19 are allowable at least by virtue of their dependency from independent claim 1.

For reasons similar to those discussed above with respect to independent claim 1, regarding claim 11, Marelli does not disclose at least “a spray profile formed in an end wall of the spray head” or “wherein the at least one radial projection extends from the inside wall at a location immediately adjacent to a top end of the insert, wherein the top end of the insert faces the spray profile formed in in the end wall of the spray head.”

Claims 12-16 and 18 are allowable at least by virtue of their dependency from independent claim 11.

Claims 5-7 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marelli et al (US 5,224,471).

Claims 5-7 and 9 are allowable at least by virtue of their dependency from independent claim 1.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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